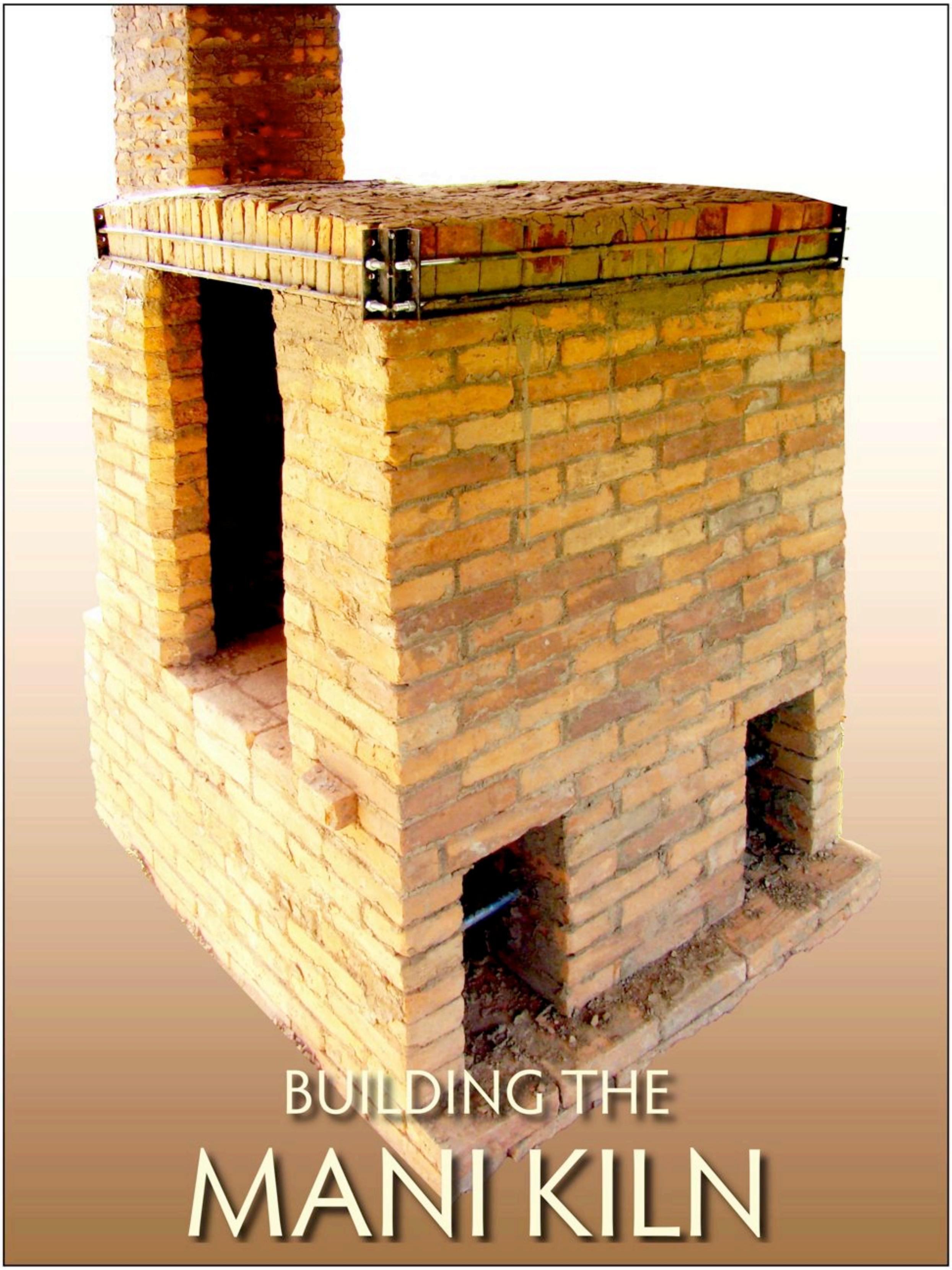
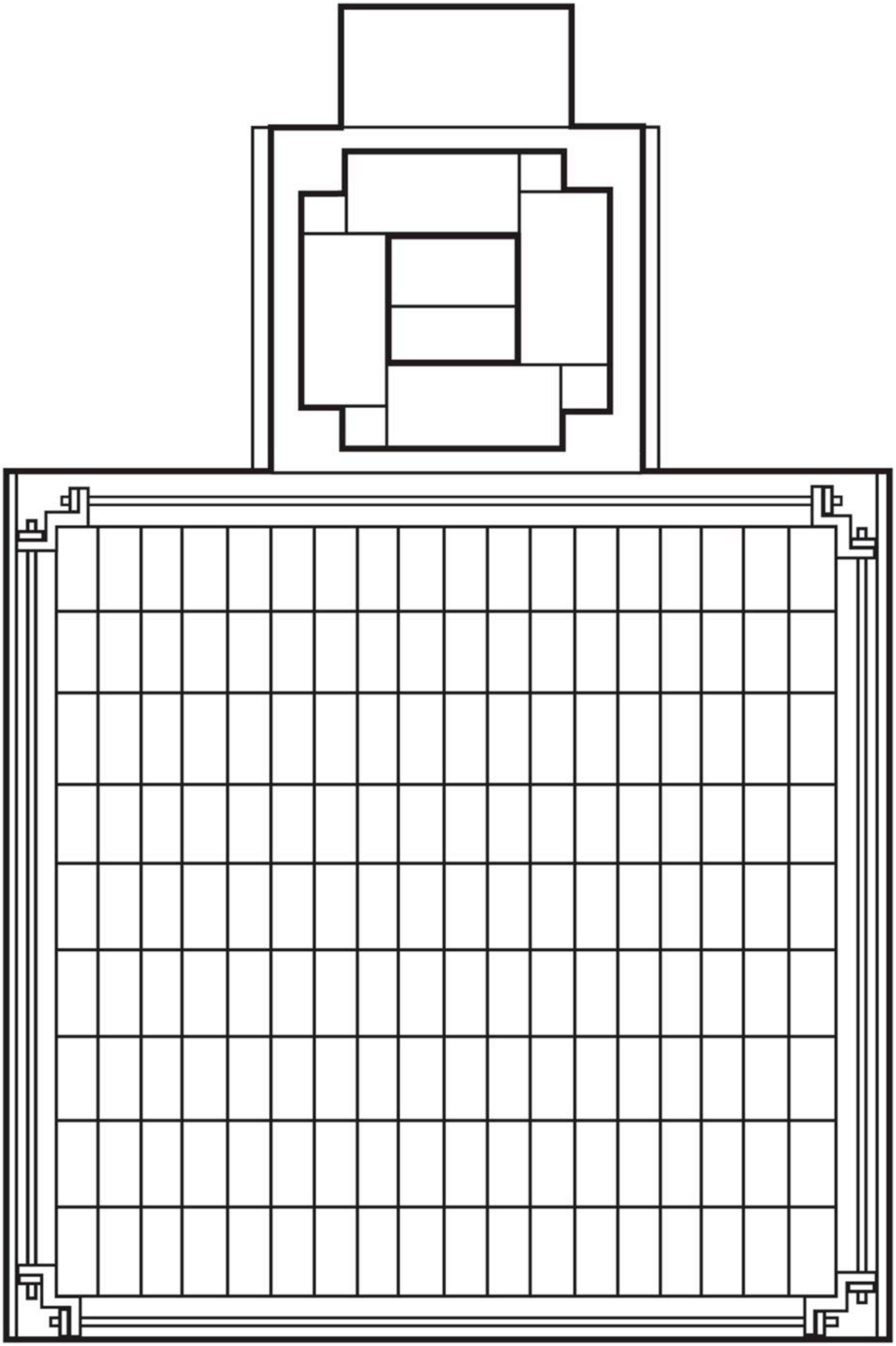
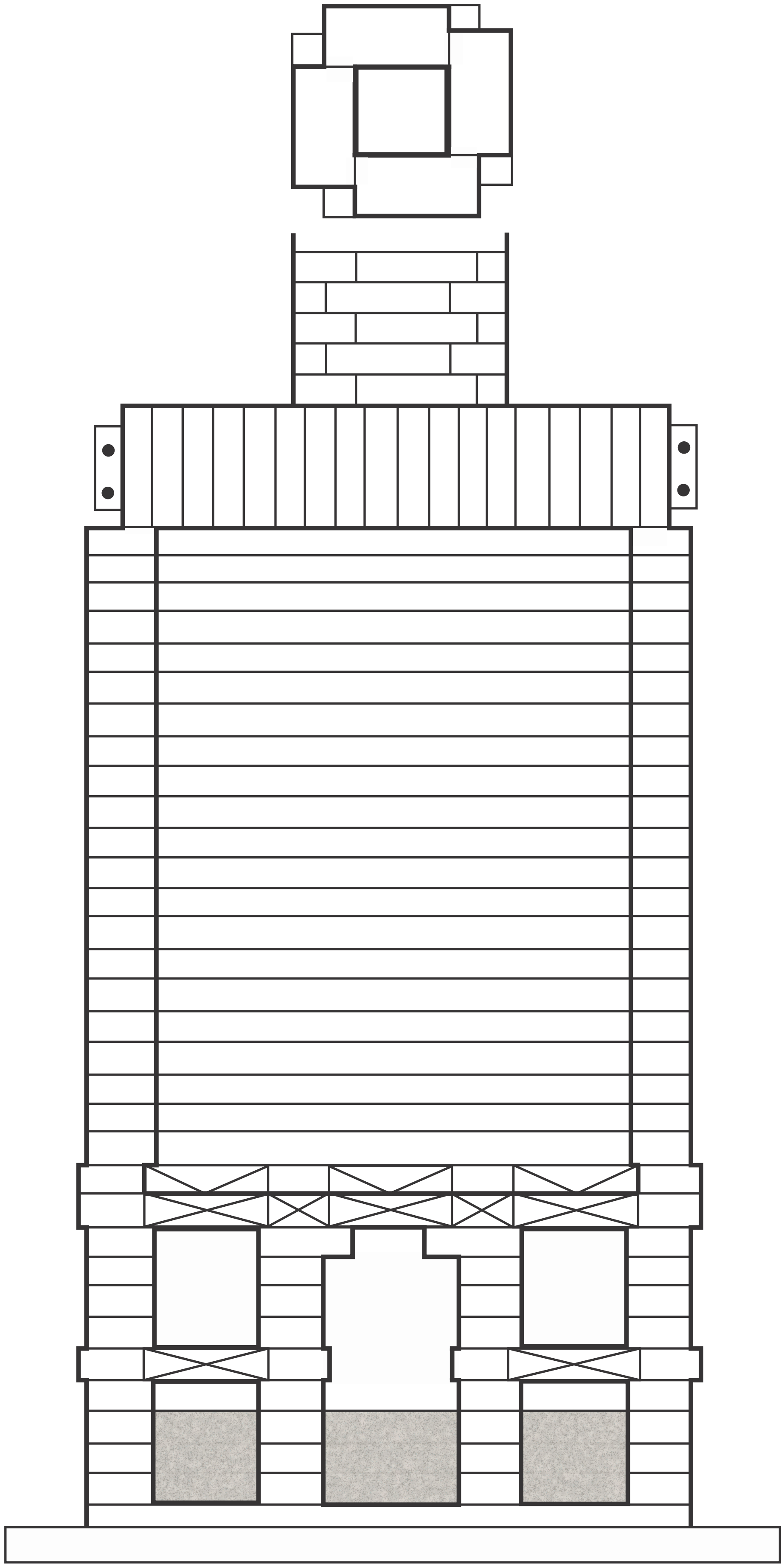


BUILDING THE MANI KILN

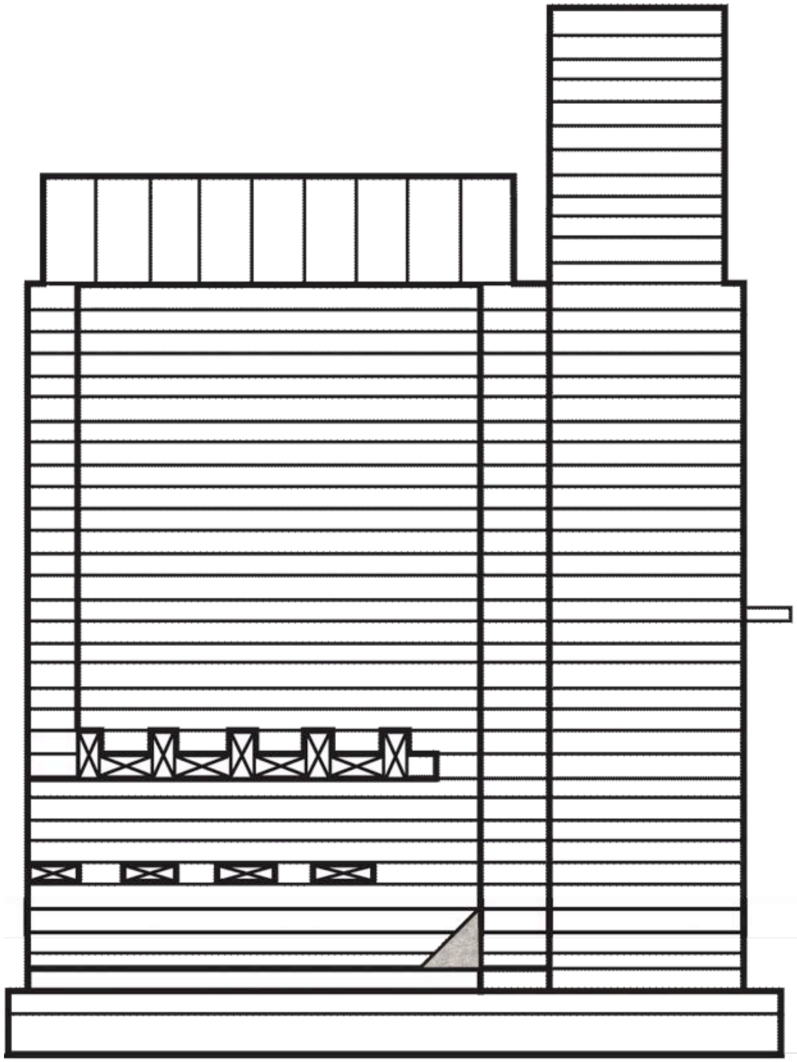
Drawings by Manny Hernandez,
Professor Emeritus, Northern Illinois University



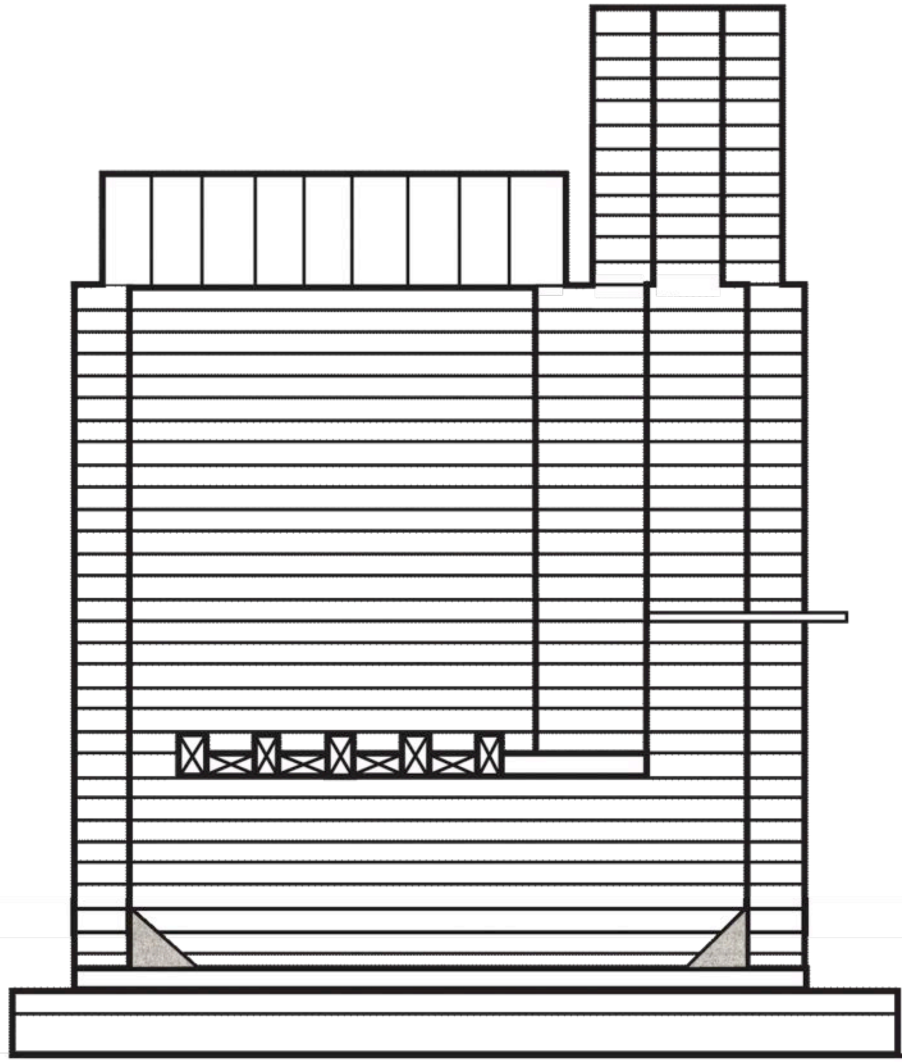
Drawing 3H - Plan Section
Roof / Chimney



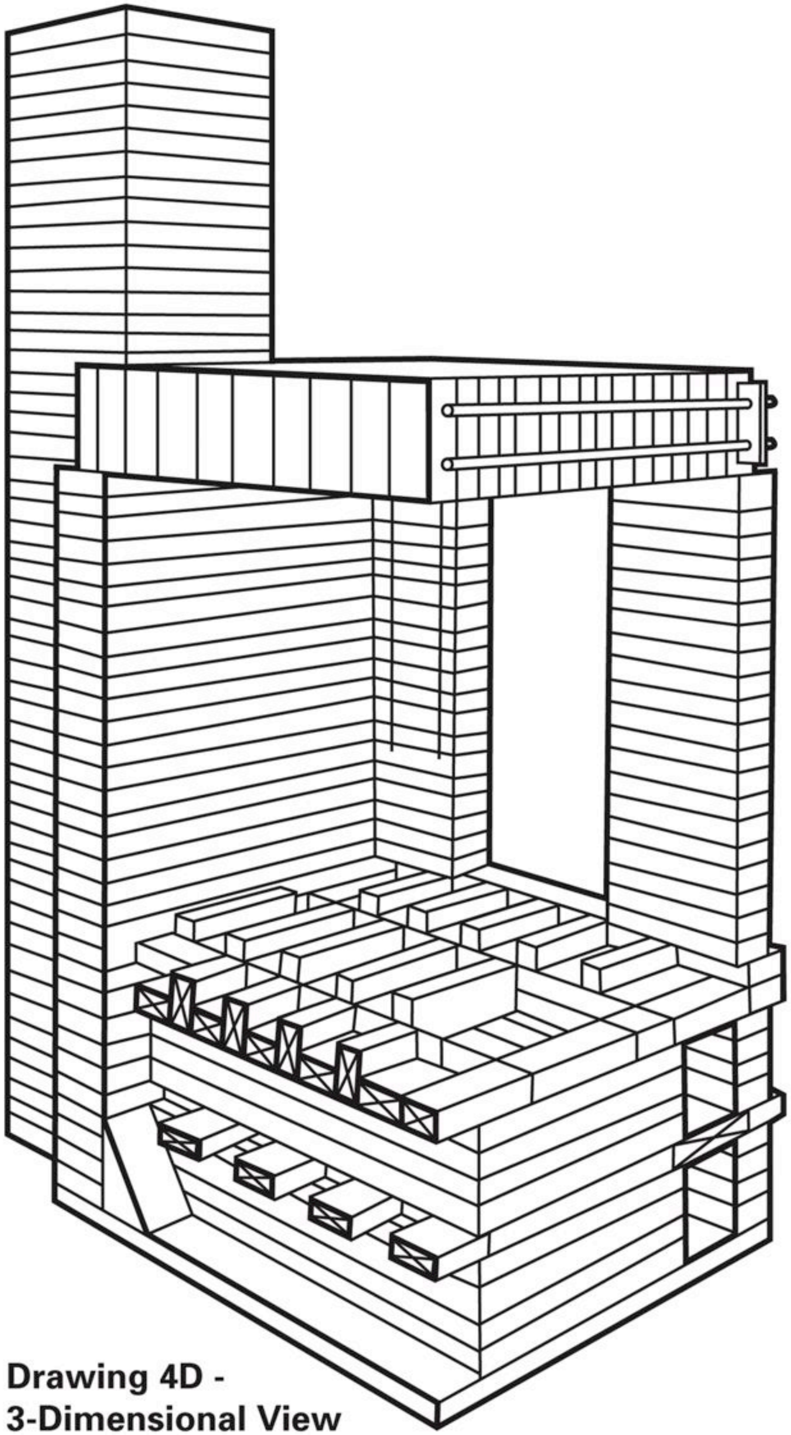
Drawing 4A - Front Elevation Section of All Plan Sections



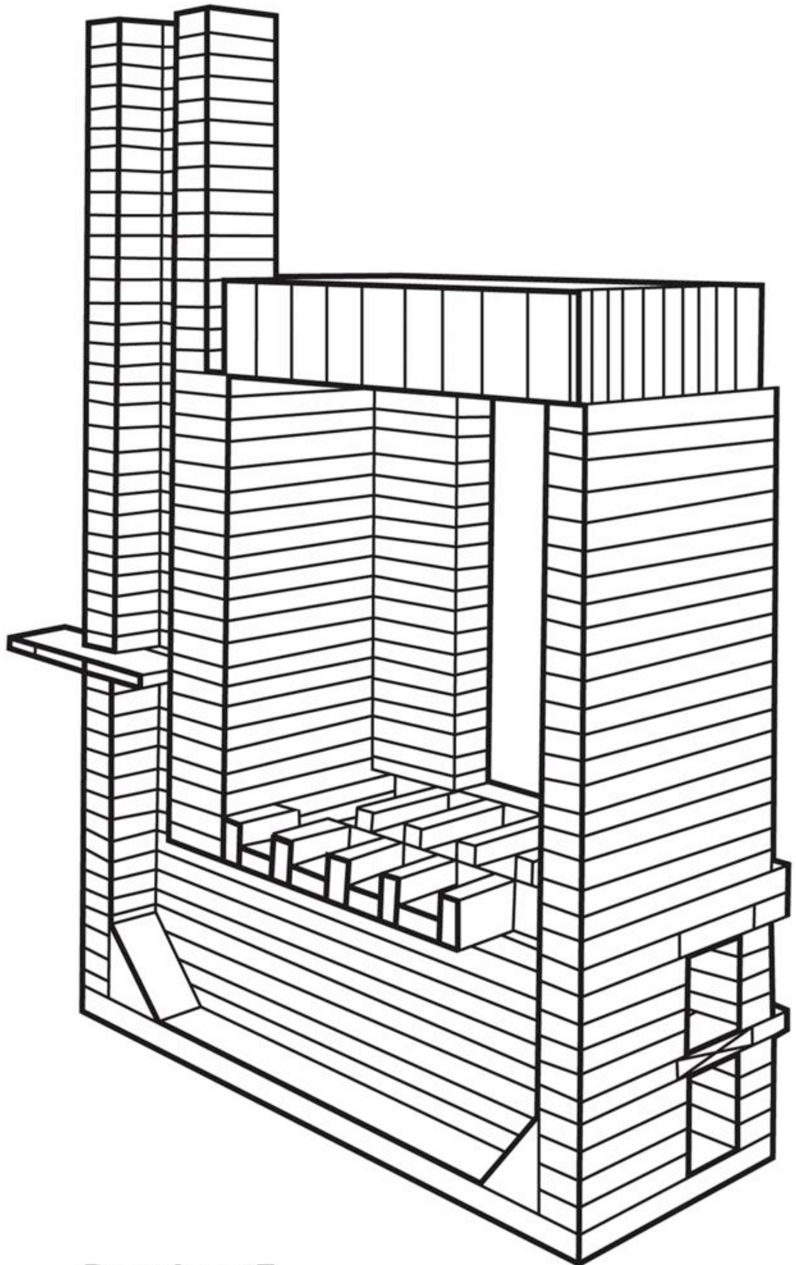
Drawing 4B - Side Elevation Section
Firebox / Ash-pit



Drawing 4C - Side Elevation Section
Flue / Chimney



Drawing 4D -
3-Dimensional View
Side Elevation Section
(Section through Firebox / Ash-pit



Drawing 4E -
3-Dimensional View
Side Elevation Section
(Section through Flue / Chimney







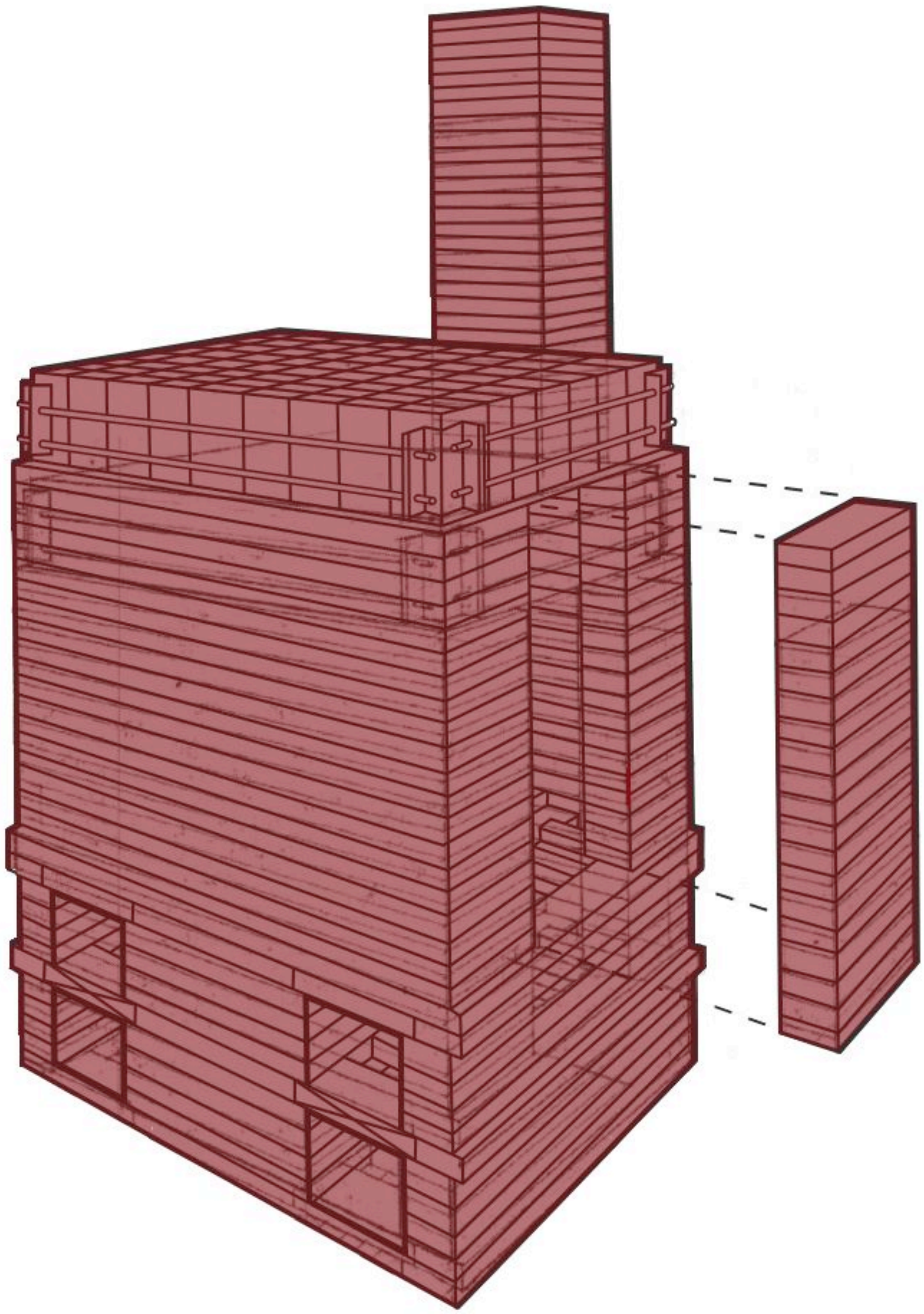








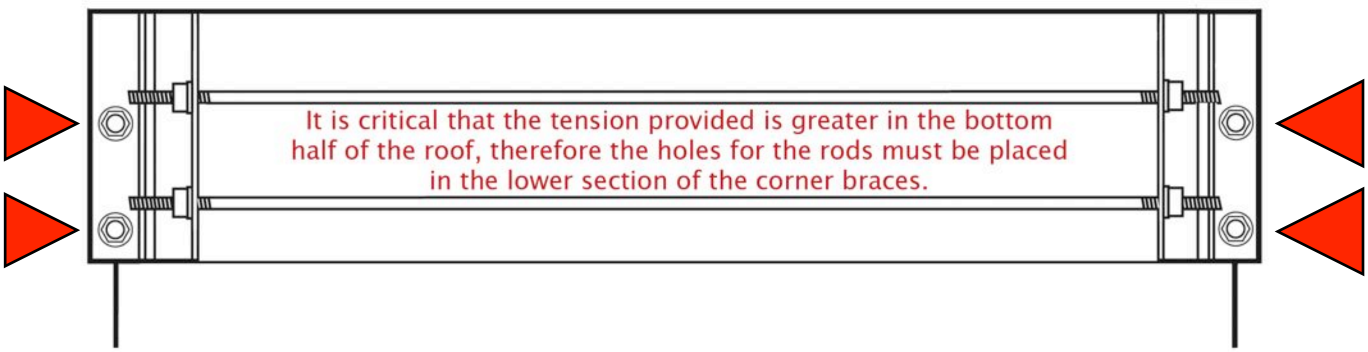

DRAWING 5A: 3-DIMENSIONAL DRAWING OF OUTSIDE OF MANI KILN VIEWING FIREBOX AND DOOR



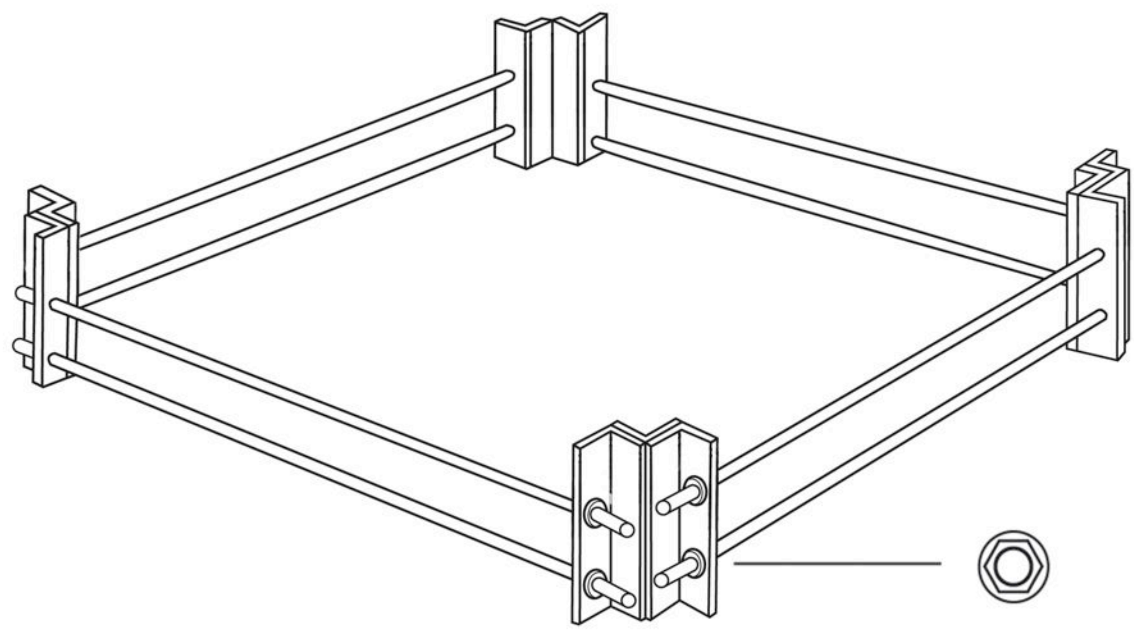
Drawing 5A - 3-Dimensional Outside View
(Back of Kiln Viewing Fireboxes and Door)



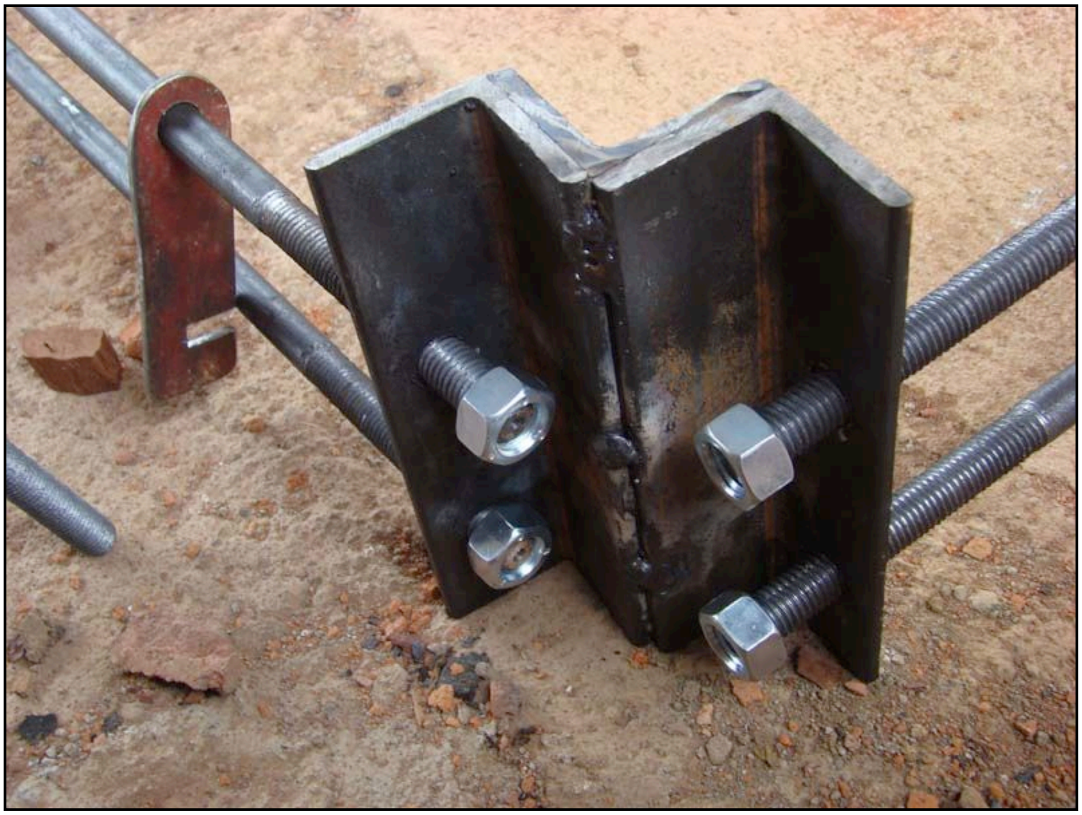
Drawing 6 - Corner Brackets and Tension Rods Top View

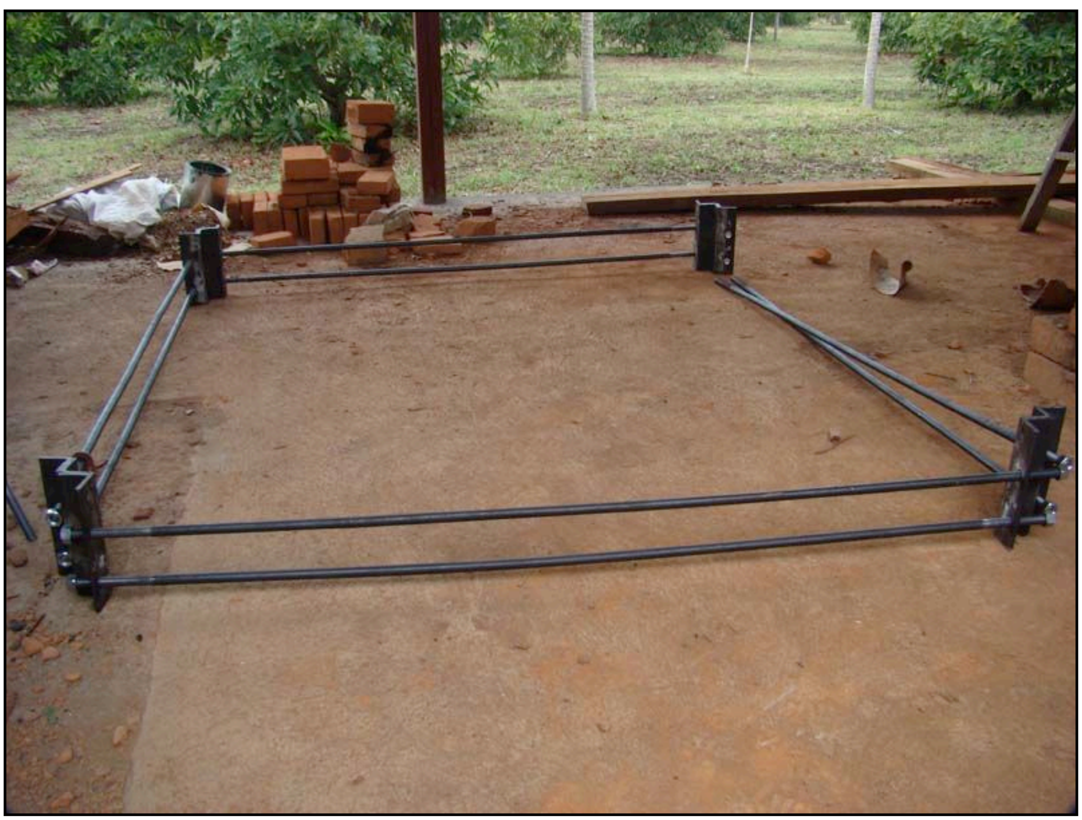


Drawing 6 - Corner Brackets and Tension Rods Front View



Drawing 6 - Corner Brackets and Tension Rod Assembly













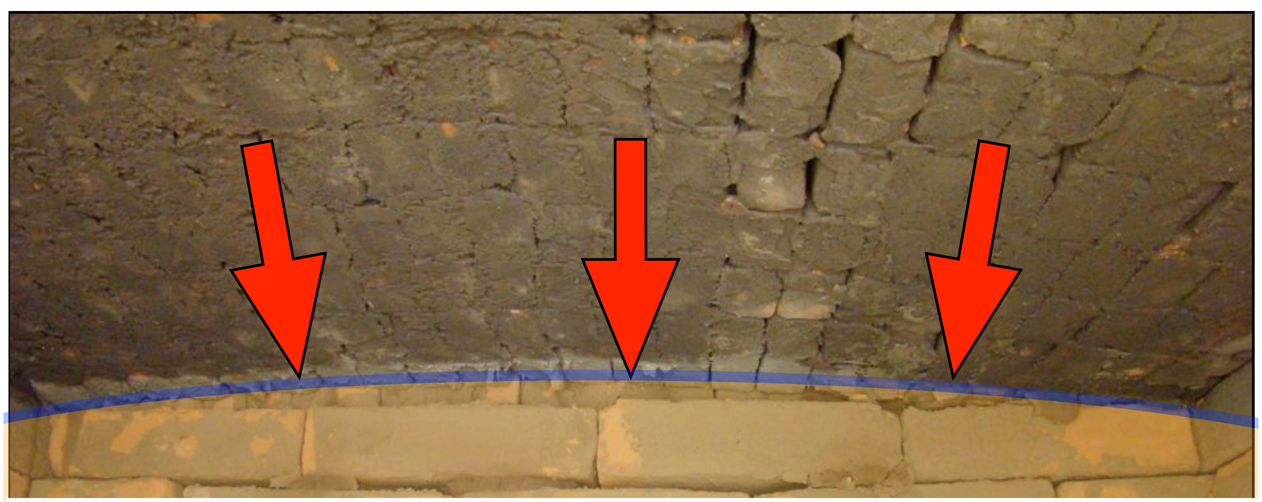




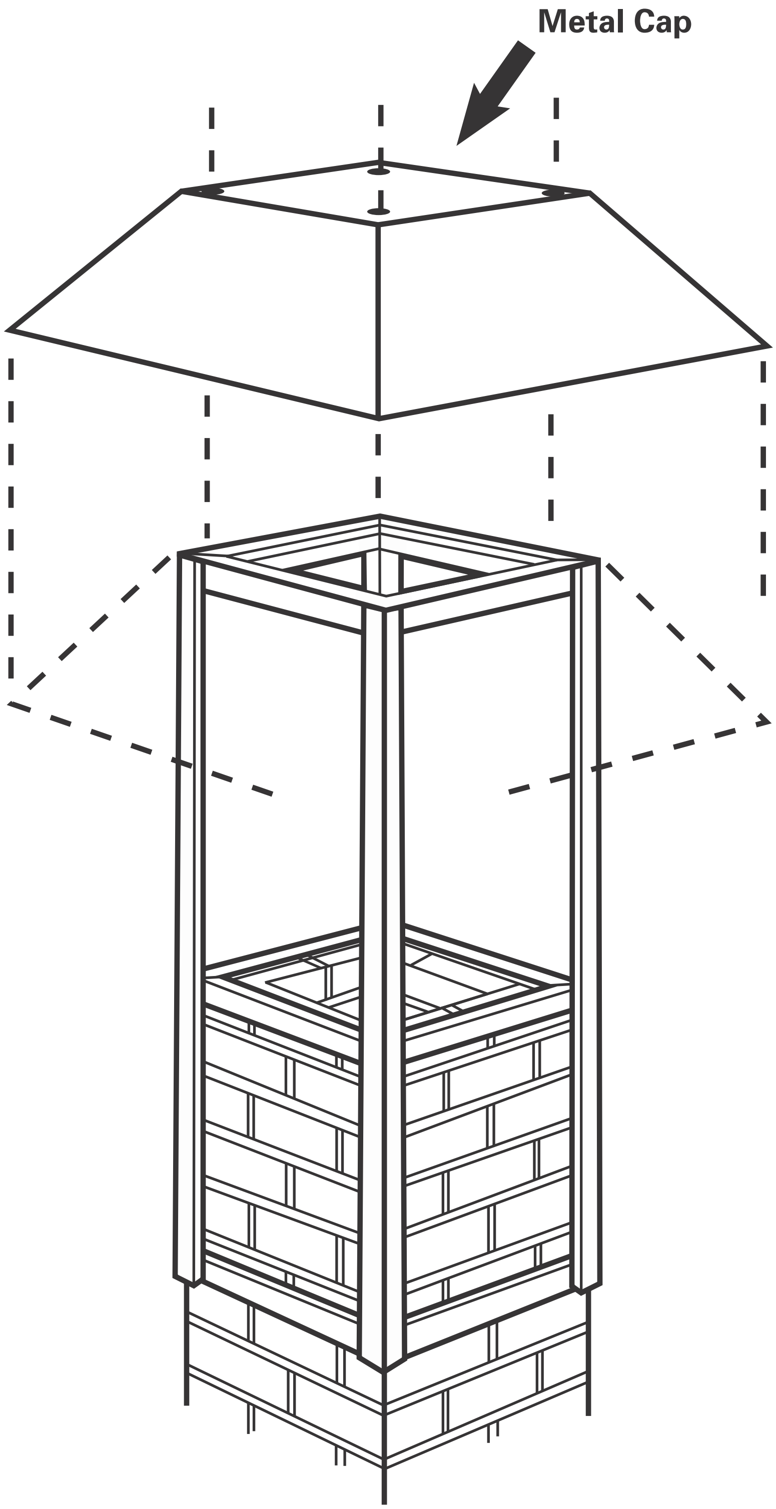




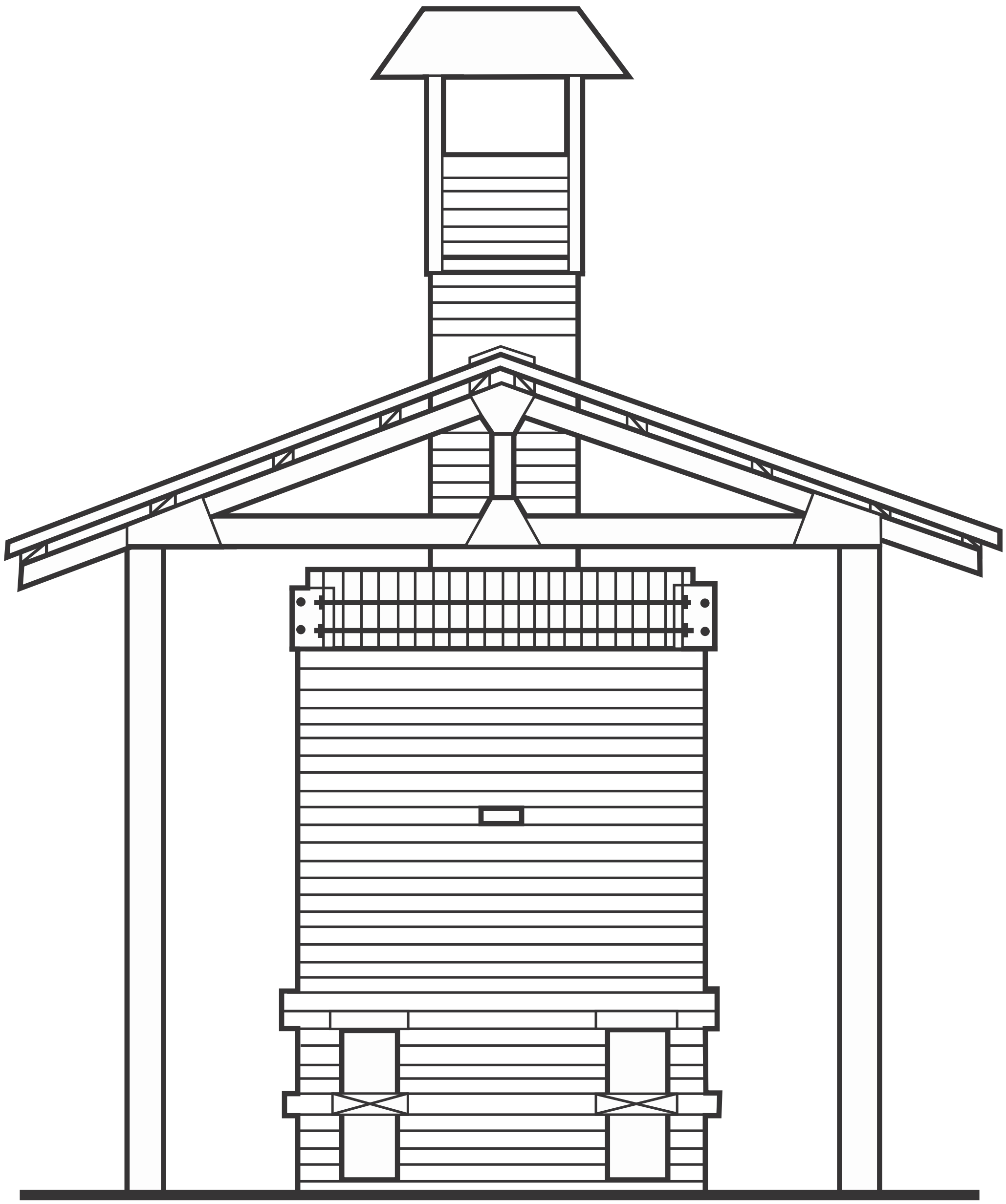

After creating a dome in the roof by jacking up the car jack under the center support, tighten the bolts until the roof begins to dome off the plywood.



The domed roof supports itself after the forms are removed.

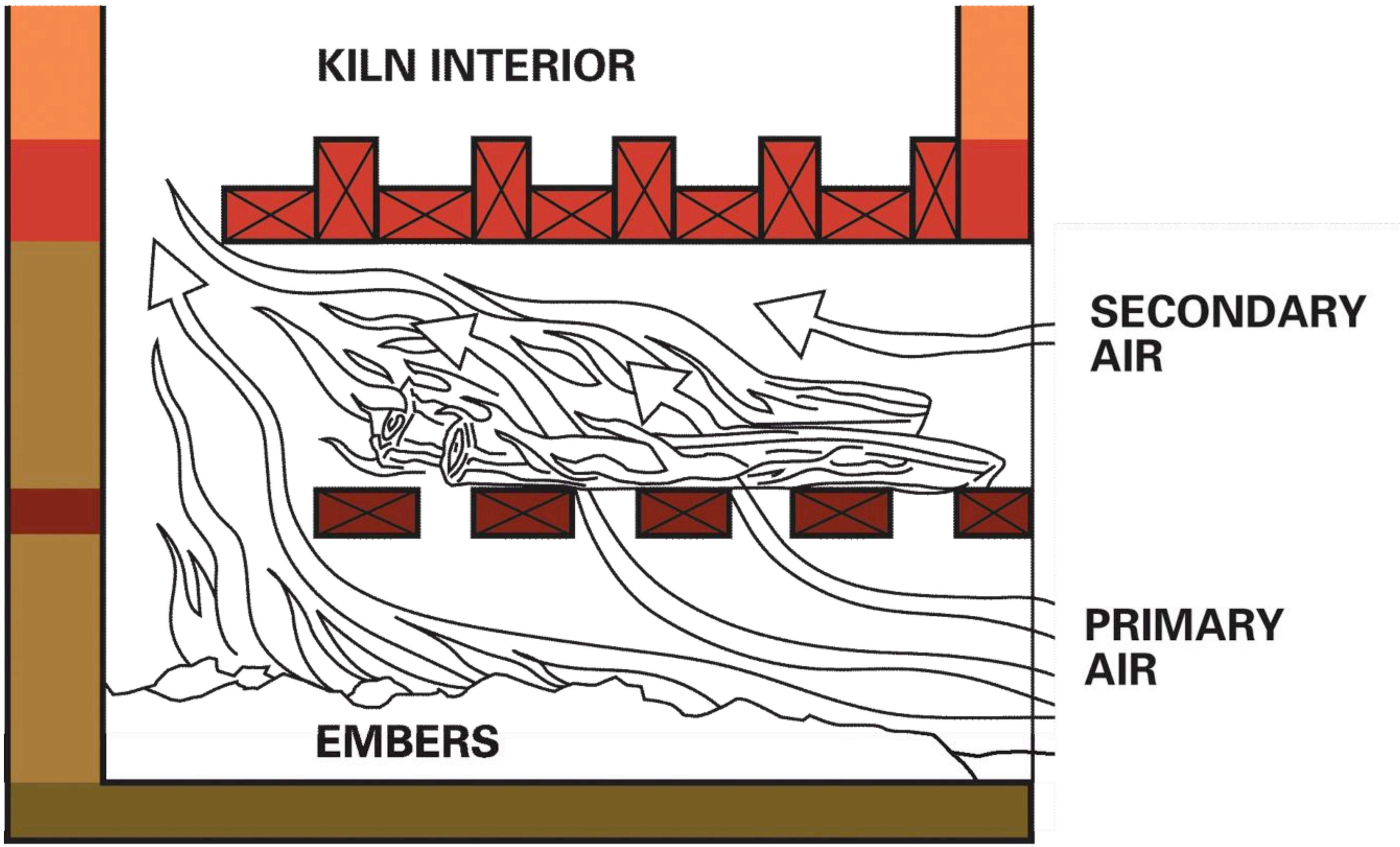


Drawing 7 - Chimney Cap

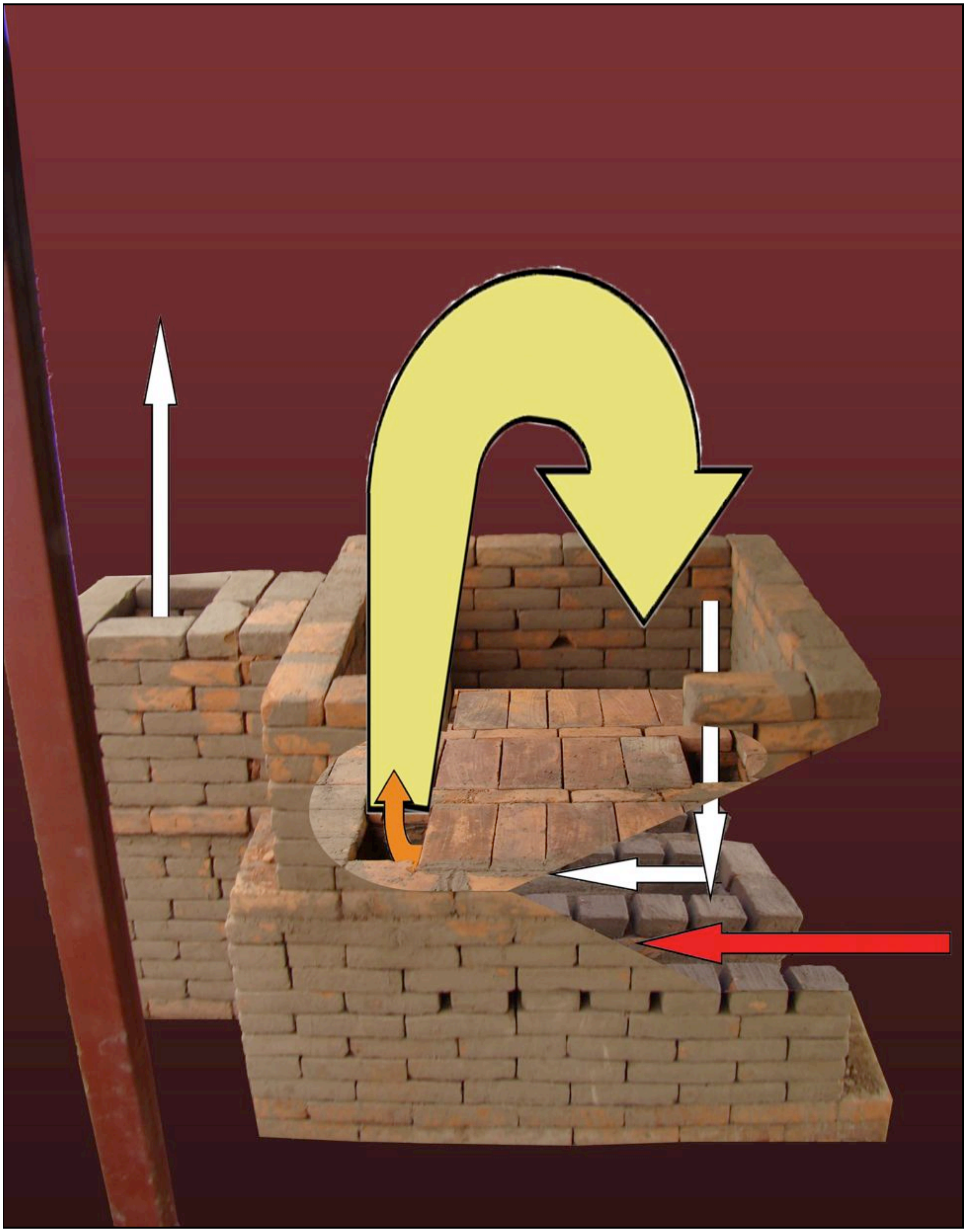


Drawing 8A - Kiln Shelter, Front Elevation





Drawing 2 - Cross Section of Firebox and Ash-pit during the firing stage



Airflow through Kiln

